

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24. (Canceled)

25. (Currently Amended) A method of improving visual function of a damaged retina in a human eye, the method comprising:

applying electrical stimulation to the eye with a source of electrical stimulation to improve visual function of the damaged retina, wherein applying electrical stimulation improves visual function of at least one structure of the damaged retina not in contact with the source of electrical stimulation~~The method of claim 4, and~~ wherein the electrical stimulation comprises a voltage potential, V_p , of $-20V \leq V_p \leq +20V$.

26. (Original) The method of claim 25, wherein the V_p is $-5V \leq V_p \leq +5V$.

27. (Original) The method of claim 25, wherein the V_p is $-1V \leq V_p \leq +1V$.

28. (Original) The method of claim 25, wherein said electrical stimulation is intermittent.

29-52. (Canceled)

53. (Currently Amended) A method of treating visual degradation resulting from a damaged retina, wherein the visual degradation comprises primary or secondary degradation, the method comprising:

applying electrical stimulation to an eye containing the damaged retina with a source of electrical stimulation, wherein a portion of the damaged retina

not in contact with the source of electrical stimulation is treated~~The method of~~
~~claim 30, and~~ wherein the electrical stimulation comprises a voltage potential, V_p ,
of $-20V \leq V_p \leq +20V$.

54. (Original) The method of claim 53, wherein the V_p is $-5V \leq V_p \leq +5V$.

55. (Original) The method of claim 53, wherein the V_p is $-1V \leq V_p \leq +1V$.

56. (Original) The method of claim 53, wherein the electrical stimulation is intermittent.

57-77.(Canceled)